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Gunson's Farm Seeds

Prices for Spring 1950

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U. S. Department of Agriculture

E. P. GUNSON & CO.

ROCHESTER 1, N. Y.

SEEDSMEN
1888 — 1950

JANUARY, 1950

IMPORTANT INSTRUCTIONS—READ CAREFULLY

TERMS—NET CASH, F. O. B. Rochester, N. Y. Customer pays transportation charges. Bags free.

Prices subject to change without notice. All orders subject to our confirmation.

1. All orders without any exceptions, will be shipped direct to the purchasers C.O.D. Orders must call for delivery at a railroad station where there is a freight agent. We cannot ship C.O.D. to a flag station.
The Freight Agent will collect and remit for the seed.
2. Where a customer's order **calls for a total of all items of 200 lbs. or more, excluding oats and barley** give him the benefit of the lowest quantity price on every item of seed ordered in quantities of **25 lbs. or more.** Do not sell 5 and 10 lb. quantities at 100 lb. rate even if order totals 200 lbs. or more.
3. Do not include garden seed items on Farm seed orders. Our Farm and Garden Seeds are two entirely separate departments. We pay transportation on garden seeds. Farm seeds are F.O.B. Rochester.
4. If a customer wishes, payment may be made at a **Bank.** In such cases, enter the **name and address of the Bank on the order.**
5. All orders must be signed by purchaser in space indicated on order blank.
6. Be sure to enter on each order **the date customer wants his seed to arrive.** We will then ship so that the seed will arrive as near that date as possible.
7. Use carbon paper in booking orders, **send us the original,** leave a copy with customer and keep one for your own reference.

PURITY and GERMINATION IMPORTANT

Every bag of Gunson Seed has attached a tag giving complete analysis, germination, etc.

WEEDS ARE COSTLY—WEEDS ARE A MENACE

Attracted by price, some farmers are paying little attention to the purity and origin of the seed they are using. Such thoughtlessness means a loss for both the party using such seed and later for his neighbors.

It is estimated weeds cause American farmers a loss of \$3,000,000,000 each year.

CONDITIONS OF SALE—L. P. Gunson & Co., gives no warranty express or implied, as to productiveness of any seeds it sells and will not be in any way responsible for the crop. Our liability in all instances, is limited to the purchase price of the seed.

CORN—Open-Pollinated Varieties—56 lbs. per bu.

	$\frac{1}{2}$ Bu.	1 Bu. Per Bu.	2 to 3 Bu. Per Bu.	4 Bu. or more Per Bu.
CARDINAL KING	\$3.40	\$6.20	\$6.10	\$6.00
PRIDE OF NISHNA	3.30	5.95	5.85	5.75
Cornell No. 11	3.40	6.20	6.10	6.00
Early Rochester	3.40	6.20	6.10	6.00
Golden Glow	3.50	6.45	6.35	6.25
Gunson's Red Giant	3.50	6.45	6.35	6.25
Lancaster Sure Crop	3.40	6.20	6.10	6.00
Red Robin	3.50	6.45	6.35	6.25
W. B. Sweepstakes	3.40	6.20	6.10	6.00
Yellow Sweepstakes	3.40	6.20	6.10	6.00

See descriptions pages 12 and 13.

CORN—Hybrid Varieties—56 lbs. per bu.

	$\frac{1}{2}$ Bu.	1 Bu. Per Bu.	2 or 3 Bu. Per Bu.	4 Bu. or more Per Bu.
Gunson 240	5.50	10.30	10.15	10.00
Gunson 275	5.50	10.30	10.15	10.00
Gunson 335 (Red Hybrid) New	5.50	10.30	10.15	10.00
Gunson 355	5.50	10.30	10.15	10.00
Gunson 606	5.50	10.30	10.15	10.00
Gunson H-300 (New)	5.80	10.80	10.65	10.50
Cornell 29-3	5.30	9.80	9.65	9.50
Gunson 645	5.50	10.30	10.15	10.00

See descriptions page 6.

Northern Grown Hybrids for Northern Farmers

Gunson Hybrids produce ears with less cob and more corn. Big tall leafy corn alone is not enough to keep a dairy herd up to peak production. Well developed ears give extra weight and feeding value.

SOY BEANS "L"—60 lbs. per bu.

	$\frac{1}{2}$ Bu.	1 Bu. or more
Manchu, 120 days	3.00	5.50 Per Bu.
Ito San, 115 days	3.00	5.50 " "
Cayuga, 90 days	3.00	5.50 " "
Seneca, 100 days	3.00	5.50 " "
Lincoln, 115 days	3.00	5.50 " "

Soy Beans are an important legume. For best results inoculate your seed. They produce a hay equal to alfalfa. Cayuga and Seneca for grain production. Lincoln or Manchu for hay or ensilage.

On all items 25 lbs. or more, use the prices in last column if order totals 200 lbs. or more.

Oats—32 lbs. per bu.—U.S. Grown

	Per Bu. 1 to 10 Bu.	Per Bu. 11 to 24 bu.	Per Bu. 25 bu. or more
★ Mohawk.....	\$2.20	\$2.10	\$2.00
★ Swedish Star.....	2.20	2.10	2.00
★ Mohawk Certified.....	2.60	2.50	2.40

	Per Bu. 3 to 9 Bu.	Per Bu. 12 to 24 Bu.	Per Bu. 25 Bu. or more
Clinton Certified Improved Selection 11.....	\$2.60	\$2.50	\$2.40
CANADIAN GROWN OATS—			
★ Beaver Certified.....	2.80	2.70	2.60
Erban Registered.....	2.80	2.70	2.60

★ THESE OAT VARIETIES ARE TREATED

BEAVER OATS—A new Smut and Rust Resistant Oat developed from a cross between Vanguard and Erban. Appearance much the same as Erban but has stiffer straw, larger kernel and better stooling ability.

MOHAWK OAT—A selection from a cross of Bond and Iowa D67. A mid-season oat, yellow in color, stiff-strawed medium tall and an excellent yielder. Many reports of 100 bu. per acre this year.

NEW ENGLAND GRAIN MIXTURE—86 lbs. per bag—Special Blend of Oats, Barley and Spring Wheat.

1 to 9 bags, \$7.50 per bag; 10 or more bags, \$7.25 per bag.

Detailed description of oats on Page 7.

BARLEY—48 lbs. per bu.	1 to 4 Bu.	5 to 24 Bu.	25 Bu. or more
	Per Bu.	Per Bu.	Per Bu.
Alpha—2 row—Smooth....	\$3.95	\$3.85	\$3.75
Wisconsin 38 (6 row—Smooth).....	3.95	3.85	3.75
"L"—6 row— Rough	3.45	3.35	3.25
CANADIAN CERTIFIED—			
Montcalm (New) 6-Row— Smooth.....	4.20	4.10	4.00

MONTCALM BARLEY—New—Highest Yielding—Best Malting—Best by test, 6 row, smooth bearded, earlier than Wisc. 38. Disease resistant with excellent field appearance and highest yield of all barleys. For POSITIVE PROOF, ask for our Montcalm Barley descriptive circular.

BUCKWHEAT—48 lbs. per bu.	½ Bu.	1 Bu. or more
Japanese Prolific.....	1.75	3.25 Per Bu.
Silverhull.....	1.75	3.25 " "

CANADA FIELD PEAS "L"	½ Bu.	1 Bu.	2 to 3 Bu. Per Bu.	4 Bu. or more Per Bu.
—60 lbs. per bu.....	4.25	8.20	8.10	8.00

HENRY SPRING

WHEAT—60 lbs. per bu..	3.10	5.70	5.60	5.50
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Oats and barley to be sold strictly as quoted.

MISCELLANEOUS

	Lbs. per Bu.	5 Lbs.	10 lbs.	25 lbs.	100 lbs.
Domestic Rye Grass	24	\$1.65	\$2.65	\$6.00	\$21.00
Perennial Rye Grass . . .		2.20	4.00	8.50	31.00
Hungarian Millet	48	1.05	1.65	3.50	12.50
Japanese Millet	35	.80	1.40	3.00	10.50
Sudan Grass	40	1.45	2.30	4.75	17.00
Vetch, Hairy or Winter "L"	60	2.30	4.30	10.25	39.00
Vetch, Spring "L"	60	2.25	3.50	7.50	27.00
Rape, Dwarf Essex	50	2.00	3.25	7.00	25.00
Sorghum, Early	50	1.40	2.15	4.50	16.00
Brome Grass	14	4.40	7.70	17.00	65.00
Orchard Grass	14	3.40	5.60	12.50	47.00

JAPANESE MILLET—Seed at rate of 15 to 20 lbs. per acre. For green feed begin to cut before the heads appear. For ensilage cut in late bloom or when seed is beginning to form. Tolerates wetter soils than other millets.

SUDAN GRASS—Drill solid at a depth of one to one and one-half inches, at 25 lbs. per acre. A grain drill set to sow 2 pecks of wheat per acre will sow the required amount. More valuable than buckwheat for weed control because of rapid growth.

EARLY SORGHUM—We recommend planting of sorghum with soy beans for green feed or hay. Sow 60 lbs. Lincoln Soy Beans and 20 to 25 lbs. of Sorghum per acre.

HAIRY VETCH—One of the greatest soil builders. Always inoculate the seed for best results. Sow alone at rate of 30 to 40 lbs. per acre. An excellent combination for hay is 1½ bushels of oats and 15 to 20 lbs. of vetch per acre. Vetch hay is relished by all kinds of live stock.—

FEED VALUES—Digestible Nutrients in 100 pounds

	Total Dry Matter in 100 lbs.	Crude Protein	Carbo- Hydrates	Fat
Alfalfa Hay	91.9	11.6	42.7	1.0
Alsike Hay	90.3	8.4	39.7	1.1
Clover Red Hay	84.7	7.1	37.8	1.8
Corn Fodder	90.8	1.0	31.2	9.7
Oat Hay	86.0	4.7	36.7	1.7
Soy Bean Hay	88.2	12.8	42.9	1.3
Timothy Hay		3.4	48.4	1.4
Vetch Hairy Hay	88.7	11.9	40.7	1.6
Vetch and Oat Hay . .	85.0	8.3	35.8	1.3
GRAINS—Barley		9.0	66.8	1.8
Corn		7.5	67.8	4.8
Oats		9.7	52.1	3.8
Soy Beans		29.1	23.3	14.6

On all items 25 lbs. or more, use the prices in last column if order totals 200 lbs. or more.

NORTHERN GROWN HYBRID CORN

Provide for Greater Hardiness, Adaptability, Yield.

Select a Gunson Hybrid to Fit Your Needs



GUNSON 240—80 days for grain—65 days for ensilage. A real early hybrid for areas with a comparatively short growing season. Produces a good size flinty ear, deepkerneled, exceptionally small cob, high yielding, stalks medium in height and leafy. Will outyield standard varieties of flint corn.

GUNSON 275—85 days for grain—70 days for ensilage. An excellent early hybrid, with exceptionally long kernels for an early corn. Will outyield both flint and early open-pollinated dent varieties.

GUNSON 335—95 days for grain—75 days for ensilage. A new Hybrid. This corn has proved itself by yielding phenomenal amounts of grain and silage. Under no circumstances allow the red color to prejudice you against this corn.

GUNSON 355—95 days for grain—75 days for ensilage. A hardy vigorous fast growing hybrid with strong, leafy stalks and well shaped ears. Earlier than Cornell 34-53. 355 has produced yields of 72 to 75 bushels per acre.

GUNSON H300—105 days for grain—90 days for ensilage. An outstanding general purpose corn for practically any section we serve. Yellow dent, straight stalks, great leafiness and large well filled ears. This corn will fit into any corn growing program. By far the outstanding corn on our list.

GUNSON 606—110 days for grain—90 days for ensilage. An excellent ensilage corn for almost any section of this State and similar localities. A fine appearing yellow dent hybrid, very uniform in plant growth, maturity and ear dimensions. Ears are well held, closely packed with deep kernels. Husks easily and will outyield other varieties of similar maturity.

GUNSON 645—115 days for grain—95 days for ensilage. A high yielding yellow dent hybrid with handsome, large ears closely packed with deep yellow kernels. Exceptionally resistant to drouth. One of the best late maturing hybrids.

PLANT AN EARLY MATURING GUNSON HYBRID TO FEED YOUR HOGS, TURKEYS, CHICKENS, ETC.

SUPERIOR OATS



BEAVER

MID-SEASON

STIFF STRAW

BIG YIELDER

This excellent oat originated in Canada where it consistently averages better than 100 bushels per acre.

It is resistant to Stem and Leaf Rust and has not been affected by Helminthosporium Blight. Beaver is the big favorite in Canada and also in our eastern states where it is in strong demand for feeding and milling. The grain is white, large and thin hulled. It is superior in strength of straw, with stalks very thick walled and $3\frac{1}{2}$ to 4 ft. tall. Head is panicle or branching type and maturity about same as Erban. See photograph on cover.

MOHAWK

DISEASE RESISTANT

MEDIUM EARLY

This new superior quality, high yielding oat developed from a cross of Bond and Iowa D-67 by combined efforts of U.S. Dept. Agriculture and several State Experiment stations.

Mohawk is medium early, about 3 days later than Vicland, very stiff straw 40 inches tall. Dependable for high yields of plump, meaty yellow kernels of high feeding value. It is resistant to Helminthosporium Blight, Leaf Rust and Smut. A good combine oat.

CLINTON

MEDIUM MATURITY

DISEASE RESISTANT

The original Clinton Oat was bred and introduced primarily for its resistance to Victoria Blight. Early parentage and general characteristics were very similar to Mohawk. Our Improved Selection 11 is much superior to most available commercial stocks. It is more uniform, yields better and shows considerable improvement in resistance to smut, rust and Victoria Blight (Helminthosporium). It has plump, meaty, rich yellow kernels possessing high feeding value. Tall, stiff-strawed and exceptionally high yielding.

SWEDISH STAR

Widely known and still a favorite in many parts of the country. Our seed stocks were imported direct from Sweden where this oat originated from a cross between Victory and Crown Oats.

It is an excellent quality white branch oat. Straw is thick walled, stiff, medium tall, and produced by a strong root system. The grain which is white, large and thin hulled, is unsurpassed for feeding or milling.

GUNSON'S PREMIUM GRADE GRASS SEED

We offer only genuine domestic NORTHERN GROWN seed of high standard of purity and quality. We do not handle clover seed grown in southern localities which is unsuitable for northern states as they will not stand severe winters. All alfalfa seed we offer is strictly northern grown and must not be compared with the cheaper class of seed grown in the

southern belt. Every bag of grass seed we ship will be tagged to show germination, purity, percentage of weed seeds if any.

All items marked with the letter "L" on this price list are legumes and to insure best results should be inoculated with "Nitragin," the highest quality inoculator on the market. See prices on page 10.

	lbs. per bu.	½ bu.	1 bu.	2 bu. or more per bu.
Timothy.....	45	\$ 9.00	\$17.15	\$17.00
Timothy and Alsike.....	45	10.00	19.15	19.00
Sweet Clover "L".....	60	9.50	18.15	18.00
Red Top.....	40	17.00	33.15	33.00
Canada Blue Grass.....	20	8.50	16.75	16.50
Kentucky Blue Grass.....	20	8.50	16.15	16.00
Reed Canary Grass.....	44	27.50	54.15	54.00
		1 Lb.	15 lbs.	30 lbs.
Alsike Clover "L".....	60	\$.75	\$ 8.50	\$16.50
Medium Red Clover "L".....	60	.95	11.00	21.25
Mammoth Red Clover "L".....	60	.90	10.50	20.25
Northern Grown Alfalfa "L"....	60	1.10	11.50	22.75
				1 bu. or more per bu.
				\$32.00
				42.00
				40.00
				45.00

Sell clovers and Alfalfas only in quantities quoted.

Lbs. per bu.

Birdsfoot Trefoil, Imported... 60—1 lb. \$2.60; 5 lbs. \$2.35 per lb.; 10 lbs. \$2.20 per lb.; 20 lbs. or more \$2.10 per lb.

Ladino Clover (Certified)... 60—1 to 24 lbs. \$3.25 per lb.; 25 lbs. or more \$3.00 per lb.

White Dutch Clover..... 60—1 to 5 lbs. \$2.10 per lb.; 5 lbs. or more \$2.00 per lb.

Wild White Clover..... 60—1 to 5 lbs. \$2.50 per lb.; 5 lbs. or more \$2.40 per lb.

PASTURE MIXTURES

	Per lb.	100 lbs
Pasture Mixture No. 1 (5 Alsike, 10 Red Clover, 30 Tim., 20 Red Top, 35 Can. Blue)	.63	62.00
Pasture Mixture No. 2 (10 Alsike, 40 Tim., 30 Red Top, 20 Orch. Grass)	.52	51.50
Pasture Mixture No. 3 (20 Alsike, 30 Tim., 50 Red Top)	.61	60.50

Sow all pasture mixtures 20 lbs. per acre.

Alfalfa and Smooth Brome Grass Mixture—Sow 10 lbs Alfalfa and 5 lbs. Brome grass per acre. One of the best pasture combinations. Sell items separately.

SWEET CLOVER seeded in very early spring without a nurse crop may be pastured in July and August of the same season.

**FOR EMERGENCY HAY AND PASTURE CROPS
SEE PAGES 5 AND 11.**

HAY-MEADOW MIXTURES

	Per lb.	100 lbs.
Economy Mixture (11 Alsike, 25 Red Clover, 10 Red Top, 54 Tim.)	.51	50.00
Success Mixture (10 Alsike, 30 Red Clover, 55 Tim., 5 Alfalfa)	.51	50.00
Standard Mixture (10 Alsike, 35 Red Clover, 55 Tim.,)	.50	49.00
Soil Improvement Mixture (15 Alsike, 27 Red Clover, 58 Tim.)	.50	49.00
General Purpose Mixture (36 Tim. 27 Can. Blue, 18 Alfalfa, 9 Red Clover, 5 Alsike, 5 Ladino.)	.66	65.00

Sow all Hay-meadow mixtures 15 lbs. per acre.

Table Showing Approximate Number of Seeds per lb.

Timothy: 1,170,500; Red Top: 4,135,900; Alsike: 700,000; Red Clover: 250,000; Alfalfa: 220,000; Ladino Clover 700,000.

Alfalfa-Timothy Mixture

(Use 3 lbs. Alfalfa to 1 lb. Timothy
See Page 14)

IMPORTANT

All Clovers, Alfalfas, Alsike, Timothy and Grasses are Domestic Northern Grown of high standard of purity and germination.

This premium quality is also used in all our mixtures.

On all items 25 lbs. or more, use the prices in last column if order totals 200 lbs. or more.



INOCULATION IS GOOD INSURANCE

The Original Legume Inoculator
NOBBE-HILTNER PROCESS
NITRAGIN
 TRADE MARK REG'D. DEC. 5, 1898 NO. 32212
 Restores and Maintains Soil Fertility

Prices
 Subject to
 Change
 Without
 Notice

ALFALFA

Sweet, Bur, Hubam Clovers

Size	Retail
1 bu. each.....	\$.50
2½ bu. each.....	1.00

CLOVERS

Red, Alsike, Crimson, White and Ladino.

1 bu. each.....	\$.50
2½ bu. each.....	1.00

LESPEDeza

100 lb. size (Inoculates up to 100 lbs.) ea.....	\$.50
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PEAS (All Varieties)

VETCHES

(All Varieties)

100 lb. size (Inoculates up to 100 lbs.) ea.....	\$.50
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SOYBEANS

Size	Retail
Small (Inoculates up to 120 lbs. seed)	\$.30
5 bu. each50
25 bu. (One can)....	2.25
30 bu. (6-5 bu. cans)	2.95

BEANS—

Navy, Pinto, Wax, String, Kidney and Great Northern
 1 bu. each.....

PEANUTS, LIMA

BEANS, COW PEAS

Small (Inoculates up to 120 lbs. seed)	\$.30
5 bu. each50

SPECIAL CULTURE

For Birdsfoot Trefoil

⅛ bu. (Inoculates up to 8 lbs.)15
1 bu. (Inoculates up to 60 lbs.)60

Inoculation
 increases
 yields.

No legume
 should be
 planted
 without
 proper
 inoculation.

The cost is
 very low.

GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans.

Enough for 8 lbs. seed — Retail Price 15c each

NEW IMPROVED CERESAN—For Wheat, Oats, Barley, etc., to prevent smut and increase the yield.

4 oz. can.....	\$.45	4 lb. can.....	\$3.40
1 lb. can.....	1.00		

½ ounce treats a bushel.

NEW IMPROVED SEMESAN, JR.—For treating corn to reduce seed rot, improve stand and increase yield.

12 oz.....	\$.62	25 lbs.....	\$13.85
6¼ lbs.....	4.16	100 lbs.....	49.95

2 ounces treat one bushel of seed.

NEW IMPROVED SEMESAN BEL—Easy, quick dip for treating potatoes to control seed borne diseases.

2 oz.....	\$.35
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SEMESAN—A disinfectant for vegetable seeds.

⅓ oz.....	\$.20	4 lbs.....	\$ 11.00
2 oz.....	.60	25 lbs.....	58.28
12 oz.....	2.40	100 lbs.....	219.80

NATURE'S FREE FERTILIZER

There are more than 75 million pounds of nitrogen in the air over every acre of land. Inoculated legumes, alfalfa, vetch, clover, etc. draw large amounts of this high cost fertilizer into the soil. For best results all legumes should be treated with "Nitragin."

A TABULAR STATEMENT ON FORAGE CROPS

Crop	Time to Sow	Sown solid Seed Needed per Acre
Oats and Peas	April 1 to June 1	2 bu. oats 1½-1 bu. peas
Oats Peas and Vetch	April 1 to June 10	2 bu. oats ½ to ¾ bu. peas 10-15 lbs.
Soy Beans	May 25 to June 15	60-90 lbs.
Soy Beans and Early Sorghum	May 25 to June 15	60 lbs. 20-25 lbs.
Soy Beans and Sudan Grass Japanese Millet may be substituted for Sudan Grass.	May 25 to June 15	60 lbs. 15-20 lbs.
Oats and Early Sorghum Oats and Sorghum make the best pasture combination for sowing	May 25 to June 15 May 25 to June 15	50 lbs. 20 lbs.
Oats and Sudan Grass Japanese Millet Next to oats and sorghum this is the best crop for pasturing.	May 25 to June 15 may be substituted for Sudan Grass.	50 lbs. 20 lbs.
Early Sorghum	May 25 to June 15	30-40 lbs.
Sudan Grass	May 25 to July 1	20-30 lbs.
Japanese Millet	May 25 to July 1	20-30 lbs.
Hungarian Millet	July 1 to July 15	30-40 lbs.

GUNSON NORTHERN GROWN CORN

Open-Pollinated Varieties

CARDINAL KING—A new cross-bred corn of unusual vigor. Do not confuse with hybrids which are grown from inbred parents. Stalks are tall, very leafy, many leaves 5 inches or more in width. Foliage is a darker green than most other varieties of ensilage corn. Ears are extra long, small cob, with 12 or more rows of very attractive red kernels with golden yellow cap. About the same maturity as the earliest strains of Sweepstakes and Leaming.

PRIDE OF NISHNA—An improved strain of the Pride of North, bred up with the object in view of getting the largest quantity and best quality silage. Grain is a deep yellow and forms a large ear. Stalks tall, not too coarse and bear an immense amount of broad leaves. For both tonnage and well matured ears plant Gunson Pride of Nishna.

CORNELL 11—Grain corn or early ensilage. One of the best early yellow dent corns ever introduced. Stalks 7 to 9 feet, ears average 8 to 9 inches, with 14 to 22 rows of grain. Kernels medium wide and thick, yellow with an occasional ear showing a reddish tinge. In the short season areas, it is a fine ensilage variety.

EARLY ROCHESTER—Grain corn or early ensilage. This excellent early yellow dent corn introduced by us some years ago, still meets with favor as a husking corn in sections similar to this locality and for an early ensilage corn in areas where the season is shorter. Stalks 8 to 9 feet, ears 8 to 9 inches, small cob, 14 to 20 rows of beautiful yellow kernels.

GOLDEN GLOW—This variety originated in Wisconsin and is classed as an early corn for the southern part of that state. Grain a golden yellow, stalks 7 to 9 feet tall, ears 8½ to 9 inches long. Kernels are very uniform, smooth dented, moderate depth and width, averaging 14 to 18 rows on a cherry red cob.

GUNSON RED GIANT—A cross-bred variety with all the inherent vigor of a hybrid. Grain is a rich dark red with shallow cup, tipped with white. Ears 10 to 12 inches long, almost cylindrical. Stalks 10 to 14 feet, with an immense amount of leaves producing 14 to 20 tons per acre of green fodder. Matures about 10 days later than Cornell 11.

CORN—(Open-pollinated—continued)

LANCASTER SURE CROP—One of the most popular varieties ever introduced. Originated and developed by Isaac Hershey of Lancaster County, Pa. Ears of unusual length, cob thin, with 16 to 20 rows of grain on each ear. Kernels are shallow but lie close together so there is no lost space between the rows. Grain is a rich yellow but when shelled shows a reddish yellow cast. Stalks tall, very leafy and withstands drought well. Tests show a high protein content. Recommended for ensilage except in southern section of Pennsylvania and similar localities where it will fully mature.

RED ROBIN—Grain corn or early ensilage. Ears average from 7 to 9 inches in length, with 12 to 16 rows of medium size kernels, rather short, decidedly brownish-red with an almost white cap. Stalks 7 to 8 feet, very leafy, exceedingly strong and carrying the ears well up on the stalk. This corn in a favorable year has ripened in Northern Vermont but we recommend only for ensilage in such localities and for a husking corn in more southern sections.

W.B. SWEEPSTAKES—A combined cross of Bloody Butcher, Leaming and White Cap Yellow Dent, extremely hardy. It originated in the West Branch Valley of Pennsylvania. Stalks 12 to 14 feet, foliage long, broad and heavy, starting well down to the ground with an abundance of leaves. Ears average 12 inches long, with 14 to 20 rows of reddish grain with a white cap. A heavy feeder, it requires heavy fertilization. Recommended only for ensilage except in Pennsylvania, Ohio and similar localities.

YELLOW SWEEPSTAKES—A fine late ensilage variety. Stalks 14 to 16 feet high with heavy foliage. Ears 10 to 12 inches long with 12 to 14 rows of broad yellow grain. Later than W.B. Sweepstakes and not recommended for ensilage in northern sections if well matured corn is expected in silage.



MORE DOLLARS PER ACRE. For a bumper corn crop, either silage or grain, apply in the row, 200 lbs. per acre of 4-12-4. If land is not manured, increase to 300 lbs. per acre.

LADINO CLOVER

Ladino is a very large strain of white clover growing from 12 to 20 inches in height. Unlike the ordinary white clover which is more or less of an annual, Ladino is a perennial and the growth thickens on the ground from year to year. Roots start at the nodes making a very dense growth. After the crop of hay has been harvested, Ladino provides an exceptional quantity and quality of pasturage, but should not be pastured too closely. As Ladino seeded alone makes an exceptionally lush pasture, some prefer to seed one to two pounds per acre along with Canada Blue Grass, Red Top or other grasses which do not grow in bunches. The seed of Ladino is small, about 700,000 seed per pound.

ALFALFA—Timothy Mixture for Hay

At Ames, Iowa, a comparison was made over a period of three years of alfalfa-timothy mixture and alfalfa alone. It was found the yields of the mixture was 30 to 35 per cent greater than that of alfalfa alone. The grassy aftermath of timothy in the alfalfa protects it from winter heaving. Timothy grown with alfalfa will be taller and leafier with a higher protein content than that grown alone. Taking two cuttings a year, the first crop of alfalfa and timothy will be about 50 per cent of each, while the second crop is almost entirely alfalfa, since timothy makes a slow recovery. We recommend seeding 10 to 15 lbs. of alfalfa per acre with not more than 5 lbs. of timothy.

A Mixture of Alfalfa and Smooth Brome Grass for Pasture

Alfalfa and smooth Brome Grass have proven a fine pasture combination. The usual permanent pastures are productive for a period of about six weeks in the early part of the grazing season. Then they become dormant, the forage dries and it is neither palatable or nutritious. Brome grass is drouth resistant, winter hardy and a long-lived perennial with creeping, under ground root stocks. Even at fairly advanced stages of maturity, the leaves remain green and succulent and are readily eaten by all classes of livestock. There is no need to keep a pasture of alfalfa and brome grass grazed closely to keep it palatable. Sow 8 to 10 lbs. of alfalfa and 5 to 7 lbs. of smooth brome grass per acre. As brome grass seed is light, to obtain proper distribution, mix with oats or barley and sow from main drill box. Sow the alfalfa from the seeder attachment of the grain drill or by any other common method. Do not cover the seed too deeply.

Plant Gunson Better-bred Seeds to secure efficient use of labor, land and fertilizer. Better Breeding in seeds will show results in the off-spring, just as markedly as it does in live stock.

WEIGHTS and QUANTITIES

The table below gives range of quantities of seeds required per acre. The high quality and vitality of Gunson's Seeds will under favorable soil and climatic conditions, permit a lighter sowing of many of the items.

SEEDS	Weight Per Bu.	Pounds Per Acre
Alfalfa, broadcast.....	60	15-20
Alfalfa, drilled in.....	60	12-15
Alsike, alone.....	60	6-8
Alsike, in mixture.....	60	2-6
Barley.....	48	96-120
Birdsfoot Trefoil.....	60	4-5
Blue Grass, Can., for pastures.....	20	30-35
Brome Grass in mixture.....	14	5-7
Buckwheat.....	48	48-60
Clover, Medium Red, alone.....	60	8-12
Clover, Medium Red, in mixture.....	60	4-6
Clover, Mammoth Red, alone.....	60	8-12
Clover, Mammoth Red, in mixture.....	60	4-6
Clover, Sweet, hulled.....	60	12-15
Clover, White Dutch.....	60	4-8
Corn for grain.....	56	7-14
Corn for silage.....	56	14-28
Millet, Hungarian.....	48	40-50
Millet, Japanese.....	35	20-30
Oats.....	32	64-80
Orchard Grass.....	14	25-35
Peas, Canada Field, broadcast.....	60	120-150
Peas, Canada Field, with oats.....	60	75-90
Rape, broadcast.....	50	6-8
Rape, in drills.....	50	4-5
Red Top, solid seed.....	40	6-8
Reed Canary Grass.....	40	4-8
Rye Grass, Domestic.....	24	25-35
Rye, Perennial.....	56	84-112
Sorghum, broadcast.....	50	30-50
Soy Beans, broadcast.....	60	60-90
Soy Beans, in drills.....	60	30-45
Sudan, drilled in.....	40	10-15
Sudan, broadcast.....	40	20-30
Timothy, alone.....	45	10-15
Timothy, in mixture.....	45	6-10
Vetch, Hairy.....	60	30-40
Vetch, Spring.....	60	40-60
Wheat, Spring.....	60	60-75

